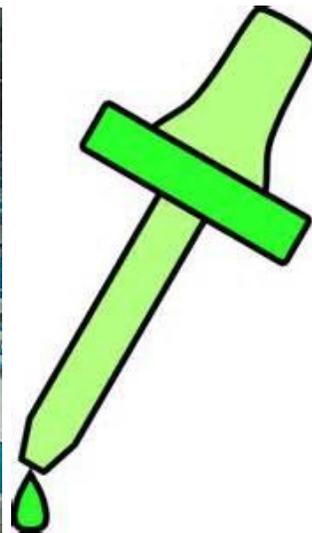


Testing Results for Lead in Drinking Water for NSA Hampton Roads – Portsmouth Annex Child Development Home - Building 247

The Navy is committed to maintaining safe drinking water on its installations. City water supplied to the Navy and the Navy's water distribution system is regularly tested and in compliance with the Safe Drinking Water Act. Because lead exposure is a particular concern for children, and lead may be introduced to drinking water through the pipes, fittings, solder, and fixtures inside a building, the EPA recommends, but does not mandate, that we test the lead content of drinking water in priority areas such as youth centers (YC), child development centers (CDC), and child development group homes (CDGH).

Navy environmental personnel conducted lead testing at the NSA Hampton Roads – Portsmouth Annex Child Development Home (CDH) – Building 247 in accordance with Navy and EPA guidelines. Samples from various locations in the CDH were sent to a state-certified laboratory for analysis.

At the NSA Hampton Roads – Portsmouth Annex CDH - Building 247, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All 7 of the outlets tested were within EPA's recommended lead level of 20 ppb. One part per billion is equal to one drop of water in an Olympic-size swimming pool.



A copy of all test results is enclosed for your information. The test results are presented in two tables:

- Table 1 **Summary of Results** summarizes the data by category of use (e.g., drinking, cooking, washing).
- Table 2 **Summary Statistics** summarizes all the data.

Table 1 provides a description of each sampling location using three columns; *Category*, *Sampling ID*, and *Outlet Description*. The *Category* column gives information about whether the outlet is used for drinking water (water fountain), cooking (food preparation), or washing (primarily hand-washing). The *Sample ID* column is the identifier used to label each sample

bottle. The *Outlet Description* column contains additional information to describe the outlet sampled under each category.

The next set of columns in **Table 1** provide *Initial Sampling Results*, and for those locations that exceeded the recommended level of 20 ppb, the *Re-sampling Results*.

EPA sampling protocol requires water to not be used for between 8 and 18 hours prior to first draw sampling. Therefore, the *Initial Sampling Results* include a sub-column for *First Draw* samples collected early in the morning. Additional sub-columns indicate whether *Retesting* is required and the *Date Secured* for fixtures greater than 20 ppb.

The *Re-sampling Results* columns are annotated N/A since all samples at the NSA Hampton Roads – Northwest Annex CDH - Building 247 were within EPA recommended levels.

The *Corrective Actions* column describes actions that have been taken to remediate the source of lead. In the event that future fixtures or upstream piping is replaced, there are columns for *Post Remediation Sampling* data that will be documented to confirm that these corrective actions were successful in reducing lead below 20 ppb.

For more information on our Lead in Priority Area Sampling Program please visit the Commander, Navy Region Mid-Atlantic website:

http://www.cnic.navy.mil/regions/cnrma/om/environmental_support/water_quality_information/lead_in_priority_area_sampling_program.html

To learn more about lead in drinking water in schools and day care centers visit this EPA website at: http://water.epa.gov/drink/info/lead/schools_index.cfm.

To learn more about your home's public water supplier, see the City of Portsmouth Annual Water Quality Report at: <http://www.portsmouthva.gov/publicutil/waterqualityreport.aspx>

To answer any questions you may have on the sampling program contact the NSA Hampton Roads – Portsmouth Annex Public Affairs Officer at 757-836-1484. If you have any health questions or concerns, we encourage you to call your health care provider or, if you are a TRICARE beneficiary, contact the Regional Nurse Advice Line (1-800-TRICARE, press option 1) or use the Regional Appointment Center at 1-866-645-4584 to schedule an appointment with your primary care provider.

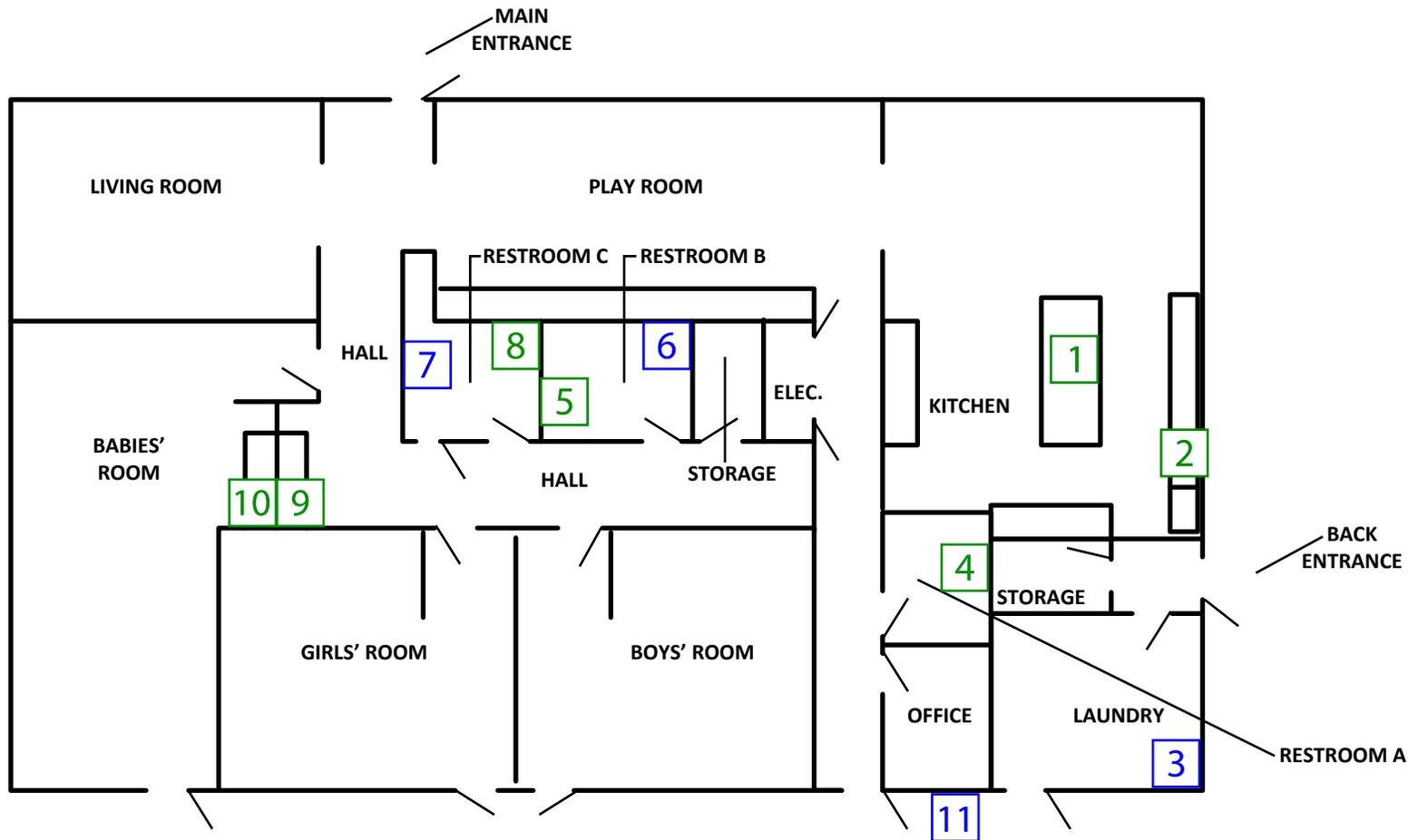
Priority Areas Lead Testing and Corrective Actions (October 2014)
NSA Hampton Roads, Portsmouth Annex, Child Development Home Building 247

Table 1. Summary of Results

SAMPLING LOCATION DESCRIPTION			INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	POST REMEDIATION SAMPLING RESULTS	
CATEGORY Water Intended For:	SAMPLE ID No.	Outlet Description	First Draw (ppb)	Retest required?	Date Fixture Secured? (See Note 1)	Recommended Level = 20ppb			Description	Recommended Level = 20ppb	
						Water Fountain 15 min. Follow up Flush Sample - Collected day before First Draw Sampling (ppb)	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)		First Draw (ppb) (See note 2)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)
SAMPLING DATE			9/26/2014						CORRECTIVE ACTIONS		
RESULTS DATE			10/2/2014								
DRINKING	2	Drinking water outlet inside refrigerator	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COOKING	1	Kitchen sink	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	4	Restroom A hand washing sink	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING/TEETHBRUSHING	5	Restroom B hand washing sink	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING/TEETHBRUSHING	8	Restroom C hand washing sink	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	9	Hallway hand washing sink	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	10	Babies' Room hand washing sink	6	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 2. Summary Statistics

CATEGORY	INITIAL SAMPLING RESULTS		RE-SAMPLING RESULTS			POST REMEDIATION RESULTS
	First Draw	Water Fountain Follow up Flush Sample - Collected day before First Draw Sampling	Recommended Level = 20ppb		First Draw	
			First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling		
Total Drinking	1	0	0	0	0	
Total Drinking > 20 ppb	0	0	0	0	0	
Total Cooking	1	0	0	0	0	
Total Cooking > 20 ppb	0	0	0	0	0	
Total Washing/Brushing	5	0	0	0	0	
Total Washing/Brushing > 20 ppb	0	0	0	0	0	
Total Samples	7	0	0	0	0	
Total Samples > 20 ppb	0	0	0	0	0	



Outlet numbers pertaining to the floor plan.
 Red = Above 20 ppb
 Green = Below 20 ppb
 Blue = Not Sampled

BUILDING 247 - FIRST FLOOR PLAN
 NOT TO SCALE

No.	Type of Fixture	Location Description	Sampled?	Exceeded?
1	Kitchen sink	Kitchen	Yes	No
2	Drinking water outlet inside refrigerator	Kitchen	Yes	No
3	Utility sink (not for drinking)	Laundry Room	No	N/A
4	High hand washing faucet	Staff Restroom A	Yes	No
5	High hand washing and teeth brushing faucet	Restroom B	Yes	No
6	Shower head (not for drinking)	Restroom B	No	N/A
7	Shower head (not for drinking)	Restroom C	No	N/A
8	High hand washing faucet	Restroom C	Yes	No
9	High hand washing faucet	Hall	Yes	No
10	High hand washing faucet	Babies' Room	Yes	No
11	Hose outlet (not for drinking)	Outside	No	N/A